

INTERNATIONAL SEARCH REPORT

International application No.
PCT/AU2004/001606

A. CLASSIFICATION OF SUBJECT MATTER Int. Cl. ⁷ : A61K 048/00 C12N 15/87 According to International Patent Classification (IPC) or to both national classification and IPC					
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) See electronic databases Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched See electronic databases Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) WPIDS, MEDLINE, CAPLUS: eye, ocular, pupil, iris, vitreous, macula, retina?, sclera, lens, choroid, limbal, conjunctiva, cornea?, Ig, immunoglobulin, immunoglobulin, antibody, transgen?, gene?, gene therapy, transfect?, transform?, vector?, express?, produce?					
C. DOCUMENTS CONSIDERED TO BE RELEVANT					
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.			
X	Comer et al (2002) 'Effect of administration of CTLA4-Ig as protein or cDNA on corneal allograft survival' Investigative Ophthalmology & Visual Science. Vol 43(4): 1095-1103 See the whole document	1-14, 18-40, 44-50			
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C <input checked="" type="checkbox"/> See patent family annex					
<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> * Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed </td> <td style="width: 33%; vertical-align: top;"> "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family </td> <td style="width: 33%;"></td> </tr> </table>			* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family	
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family				
Date of the actual completion of the international search 22 February 2005		Date of mailing of the international search report 31 MAR 2005			
Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaaustralia.gov.au Facsimile No. (02) 6285 3929		Authorized officer LEXIE PRESS Telephone No : (02) 6283 2677			

INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU2004/001606

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	Oral et al (1997) 'Ex vivo adenovirus-mediated gene transfer and immunomodulatory protein production in human cornea' Gene Therapy. Vol 4: 639-647 See the whole document	1-14, 18-26
X	Hudde et al (1999) 'Activated polyamidoamine dendrimers, a non-viral vector for gene transfer to the corneal endothelium' Gene Therapy. Vol 6: 939-943 See the whole document	1-14, 18-40, 44-50
X	Verwaerde et al (2003) 'Ocular transfer of retinal glial cells transduced ex vivo with adenovirus expressing viral IL-10 or CTLA4-Ig inhibits experimental autoimmune uveoretinitis' Gene Therapy. Vol 10: 1970-1981 See the whole document	1, 2, 4-6, 8, 9, 13-26, 51-72
X	Rayner et al (2001) 'TNF receptor secretion after ex vivo adenoviral gene transfer to cornea and effect on in vivo graft survival' Investigative Ophthalmology & Visual Science. Vol 42(7): 1568-1573 See the whole document	1-14, 18-40, 44-50
A	AU 79432/2001, A1 (Coster et al) 18 April 2002 See the whole document	1-72
A	WO 1996/13276, A1 (Genentech, Inc) 9 May 1996 See the whole document	1-72

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU2004/001606

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report				Patent Family Member			
AU	7943201	AU	79432/01	US	2002068050	US	2003143212
WO	9613276	CA	2203374	EP	0789592	US	5827702
		US	6204251				
Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.							
END OF ANNEX							